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A PROFESSIONAL LIMITED LIABILITY COMPANY  
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April 16, 2004

**VIA FACSIMILE**

To: Automated Patent and Trademark  
Assignment System  
U.S.P.T.O.

Facsimile No.: (703) 306-~~59~~95

From: Phillip E. Miller

Facsimile No.: (703) 761-2375 or 76

Re: Enclosed Submission of Assignment  
U.S. Patent Application No.: 10/673,340  
IBM Docket: YOR920030226US1  
Our Reference: YOR.468

Enclosed are (1) Submission of Assignment with Certificate of Facsimile Transmission, (1) Recordation Form Cover Sheet, and (4) four executed Assignment Documents, which we request that you record in the above-referenced application.

Please charge Assignee's Deposit Account No. 50-0510 the amount of \$40.00 for the assignment recordation fee.

Very truly yours,



Phillip E. Miller

PEM/tm  
Enclosures

Total No. of Pages Transmitted: 7

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\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

|                |             |            |
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| TX/RX NO       | 3803        |            |
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| USAGE T        | 02'30       |            |
| PGS. SENT      | 7           |            |
| RESULT         | OK          |            |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Ye, et al.

Serial No.: 10/673,340

Group Art Unit: 2155

Filed: September 30, 2003

Examiner: Unknown

**For:** ENTERPRISE SYSTEM HAVING A SMART DISTANCE AMONG ARTIFACTS,  
AND APPARATUS AND METHOD FOR PROVIDING THE SMART DISTANCE  
AMONG THE ARTIFACTS

Commissioner for Patents  
Alexandria, VA 22313-1450

**SUBMISSION OF ASSIGNMENT**

Sir:

Kindly record and return to the undersigned the attached Assignment from Yiming Ye, Jen-Tao Chung, David Cohn, Fenno F. Heath III, Jun-Jang Jeng, Santhosh Kumaran, Hui Lei and Pradir Nandi to International Business Machines Corporation, for the above-identified patent application. The Commissioner is hereby authorized to charge the recording fee of \$40.00 to the Assignee's Deposit Account No. 50-0510.

Respectfully submitted,



Phillip E. Miller, Esq.  
Registration No. 46,060

Date: 8/16/04

**McGinn & Gibb, PLLC**  
Intellectual Property Law  
8321 Old Courthouse Road, Suite 200  
Vienna, VA 22182-3817  
(703) 761-4100  
**Customer No. 21254**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that I am filing this Submission of Assignment by facsimile with the United States Patent and Trademark Office to the Automated Patent and Trademark Assignment System at fax number (703) 306-5995 this 16<sup>th</sup> day of April, 2004.



Phillip E. Miller, Esq.  
Registration No. 46,060

**PATENTS ONLY**

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Haiyang Wang, widow and legal rep. of Yiming Ye  
2) Jen-Yao Chung 5) Jun-Hang Jeng  
3) David Cohn 6) Santhosh Kumaran  
4) Fenno F. Heath III 7) Hui Lei  
8) Prabir Nandi

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Address: New Orchard Road

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

City: Armonk State/Prov.: NY

Country: USA ZIP: 10504

Execution Date: 1) March 27, 2004 6) March 23, 2004  
2) March 22, 2004 7) March 22, 2004  
3) March 29, 2004 8) March 29, 2004  
4) March 24, 2004  
5) March 22, 2004

Additional name(s) & address(es) ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No. 10/673,340 Filing date September 30, 2003

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Phillip E. Miller, Esq.

Registration No. 46,060

Address: McGinn & Gibb, PLLC

8321 Old Courthouse Road

Suite 200

City: Vienna State/Prov.: Virginia

Country: USA ZIP: 22182-3817

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0510

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Phillip E. Miller, Esq.

Name of Person Signing

Signature

April 16, 2004

Date

Total number of pages including cover sheet, attachments, and

## ASSIGNMENT

Whereas, we

|                      |  |   |
|----------------------|--|---|
| Inventor<br>and City | (1) Yiming Ye<br>County of Westchester         | City of White Plains<br>and State of New York     |
|                      | (2) Jen-Yao Chung<br>County of Westchester     | City of Yorktown Heights<br>and State of New York |
|                      | (3) David Cohn<br>County of Westchester        | City of Dobbs Ferry<br>and State of New York      |
|                      | (4) Fenno F. Heath III<br>County of New Haven  | City of Woodbridge<br>and State of Connecticut    |
|                      | (5) Jun-Jang Jeng<br>County of Westchester     | City of Armonk<br>and State of New York           |
|                      | (6) Santhosh Kumaran,<br>County of Westchester | City of Croton On Hudson<br>and State of New York |
|                      | (7) Hui Lei<br>County of Westchester           | City of Scarsdale<br>and State of New York        |
|                      | (8) Prabir Nandi<br>County of Queens           | City of Bayside<br>and State of New York          |

has invented certain improvements in

Title      **ENTERPRISE SYSTEM HAVING A SMART DISTANCE AMONG ARTIFACTS, AND APPARATUS AND METHOD FOR PROVIDING THE SMART DISTANCE AMONG THE ARTIFACTS**

Dates That Inventors Signed the Declaration      and has executed, respectively, a United States patent application therefor on

(1) March 27, 2004      (2) March 22, 2004      (3) March 29, 2004  
(4) March 24, 2004      (5) March 22, 2004      (6) March 23, 2004  
(7) March 22, 2004, and (8) March 29, 2004.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign

countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City (1) Signed at

Date on  
signature

( Yiming ) inventor  
First Name Middle Initial Last Name

*- Haiyang Wang*

Haiyang Wang, Widow and  
Legal Representative for the Estate of Yiming Ye, now deceased.

City (2) Signed at

Date on  
signature

(Jen-Yao ) inventor  
First Name Middle Initial Last Name

City (3) Signed at

Date on  
signature

(David ) inventor  
First Name Middle Initial Last Name

City (4) Signed at

Date on  
signature

(Fenno ) inventor  
First Name Middle Initial Last Name

City (5) Signed at

Date on  
signature

(Jun-Jang ) inventor  
First Name Middle Initial Last Name

**Date on  
signature**

( Yiming Ye ) inventor  
First Name Middle Initial Last Name

**Haiyang Wang, Widow and  
Legal Representative for the Estate of Yiming Ye, now deceased.**

**Date on  
signature**

(Jen-Yao ) inventor  
First Name Middle Initial Last Name

**Date on  
signature**

|            |                |           |            |
|------------|----------------|-----------|------------|
| (David     | L.             | Cohn      | ) inventor |
| First Name | Middle Initial | Last Name |            |

**Date on  
signature**

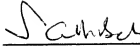
|            |                |           |            |
|------------|----------------|-----------|------------|
| (Fenno     | F.             | Heath III | ) inventor |
| First Name | Middle Initial | Last Name |            |

**Date on  
signature**

(Jun-Jang Jeng ) inventor  
First Name Middle Initial Last Name

City (6) Signed at

Date on signature March 23, 2004



(Santhosh  
First Name

Middle Initial

Kumaran ) inventor  
Last Name

City (7) Signed at

Date on signature March 22, 2004



(Hui  
First Name

Middle Initial

Lei ) inventor  
Last Name

City (8) Signed at

Date on signature March 29, 2004



(Prabir  
First Name

Middle Initial

Nandi ) inventor  
Last Name